

Geotechnical Site Visit Report

Project Name: I-90 East of Hyak to Snowshed Phase 1B				
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Day: Thursday	Date:	9/15/11		

I spoke with Erik Warren by telephone and he indicated that we could lay out rock dowels around Jenkin's Knob. I met Erik on the east end of the project around 8:30 am. KLB indicated that some scaling and dressing needed to be done around station 1332+00 and he had a piece of equipment headed to the top to begin scaling (Figure 1).

Following the scaling and dressing, Erik and I laid out 18 – 30 foot Type H rock dowels and 1 Type L spot dowel from approximate station 1332+15 to 1334+40 (Figures 2 and 3). The pre-split holes continue to drift in and out of the slope and horizontal spacing was not consistent as we have seen in the past. We were also able to lay out 4 Type L rock dowels from approximate station 1330+50 to 1330+85 (Figure 4). There is an approximately 25 foot-long hard toe that needs to be shot during the next pre-split (Figure 4 and 5).

While we were on-site, Western States drilled the final probe hole around station 1331+00 at approximate elevation 2577 MSL (Figure 5). The driller indicated that he drilled a vertical hole 58 feet deep and did not hit any voids or large seams. He stated that he would send his boring log to Erik Warren and he would forward it to the Geotechnical Division.

According to KLB, the burn ban is still in effect and no blasting will take place for the remainder of the week. There will be another evaluation for the burn ban later this week or early next week. Blasting is expecting to resume sometime next week.

I drove to the Hyak office around 12:30 pm to download photographs and work on the Geotechnical Site Visit Report.



Figure 1. A photograph showing the scaling and dressing around station 1332+00.



Figure 2. A photograph showing the lift inspection from approximate station 1332+15 to 1333+15.

30 - Type H Rock Dowels (Minimum Length in Feet)



Figure 3. A photograph showing the lift inspection from approximate station 1333+15 to 1334+40.

- 30 - Type H Rock Dowels (Minimum Length in Feet)
- 20 - Type L Spot Dowel (Minimum Length in Feet)



~Station 1330+50

~Station 1330+85

Type L Rock Dowels (Minimum Length in Feet)

Figure 4. A photograph showing the lift inspection from approximate station 1330+50 to 1330+85. Note the hard toe (red dashed line).



Figure 5. A photograph showing the hard toe (red dashed line). Note Western States drilling the probe hole in the background.